

SPECIAL ASTRONOMY SEMINAR

February 09, 2010

Speaker : Prof Gilbert Holder
McGill University, USA,

Title : The mm-wave sky at high resolution:
recent results from the South Pole Telescope

Day, Date & Time : Thursday, 11 February, 2010 16.00 hrs

Venue : TAP Seminar Room (A269)

(J.S. Yadav)

Abstract

At arcminute resolution, CMB experiments measure primordial fluctuations as well as the imprint of galaxies, galaxy clusters and gravitational lensing. With the South Pole Telescope surveying hundreds of square degrees (thus far) at multiple wavelengths, we have detected many galaxies and massive galaxy clusters, as well as the unresolved backgrounds due to the CMB, faint point sources, and intermediate-mass galaxy clusters.